

THE HOOVER COMPANY



GENERAL OFFICES AND MAIN FACTORY: NORTH CANTON, OHIO 44720

TELEPHONE: (216) 499-9200

January 17, 1980

U.S. EPA
Air Enforcement Div. 5EAE
230 S. Dearborn
Chicago, IL 60604

Attn: W. E. Beyer

Dear Mr. Beyer:

Enclosed with this letter are the Wadsworth Laboratory reports on the December, 1979 coal samples which you requested in our recent telephone conversation. The samples were taken from truck deliveries of coal burned in the Wickes boiler, B008. This boiler has operated during the last two heating periods November - March, on coal from the Peabody Broken ARO mine. The coal test results from the previous year have shown similiar ash and BTU contents as the mine report. However last months lab analysis have not varified the mine report and an additional private lab is being used to analyze the January samples. The Hoover Engineers have not been able to observe any severe increase in ash content that would be expected from the laboratory reports.

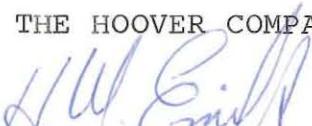
The sulfur content of the two December test samples are quite acceptable and only differ slightly between the mine and Wadsworth lab.

We hope to continue with two coal sample tests each month and are of the opinion that the coal uniformity from The Peabody mine and the small comparitive tonnage of coal burned in the Wickes boiler does not warrent any greater monitoring program.

Please call me for any additional information you may require in evaluating our compliance program.

Yours truly,

THE HOOVER COMPANY


H. W. Emrick
Mgr. Environmental Control

cc: M. J. Johns
C. H. Messerly
L. J. Kramer
V. Marsh
R. L. Hose



WADSWORTH TESTING LABORATORIES, INC.

Phone (216) 454-5809

1600 Fourth St. S.E. — P. O. Box 208 — CANTON, OHIO 44701

Certified
Reports on Request

ANALYSIS OF COAL OR COKE

For The Hoover Co.
101 E. Maple St.
North Canton, Ohio 44720

Received
Marked: Dec. 20, 1979

Reported 12/31/79
P.O. I-59815

COAL SAMPLE #3 dated 12/19/79

PROXIMATE	As Received	Moisture Free
Total Moisture	9.47	-----
Ash	13.60	15.02
Volatile Matter	32.43	35.82
Sulphur	3.56	3.93
Fixed Carbon	44.51	49.16
Calorific Value (B. T. U.)	10,762	11,888
FUSION TEMPERATURE OF ASH		
Initial Deformation °F		
Softening Point °F		
Fluid Point °F		
<u>SCREEN TEST</u>		
Retained on screen .742	22.42%	
Retained on screen .371	25.30%	
Retained on screen .132	27.44%	
Retained on screen .0469	23.97%	
Retained on screen .0278	3.45%	
Retained on screen .0117	3.12%	
Retained on pan	2.75%	

WADSWORTH TESTING LABORATORIES, INC.

per Gerald J. Long

WADSWORTH TESTING LABORATORIES, INC.

Phone (216) 454-5809

1600 Fourth St. S.E. -- P. O. Box 208 — CANTON, OHIO 44701

*Certified
Reports on Request*

ANALYSIS OF COAL OR COKE

For The Hoover Co.
101 E. Maple St.
N. Canton, Ohio 44720

Marked: Rec'd 12/6/79

Reported 12/20/79

Coal sample #2

PROXIMATE	As Received	Moisture Free
Total Moisture	6.97	-----
Ash	14.16	15.22
Volatile Matter	32.09	33.62
Sulphur	3.31	3.56
Fixed Carbon	47.59	51.16
Calorific Value (B. T. U.)	10,938	11,758
FUSION TEMPERATURE OF ASH		
Initial Deformation °F		
Softening Point °F		
Fluid Point °F		
Sizing:		
.742 screen retained--	34.78%	
.571	23.45	
.132	16.84	
.0469	6.67	
.0278	1.62	
.0117	1.81	
Pen	1.81	

WADSWORTH TESTING LABORATORIES, INC.

per Gerald J. Berg

PEABODY COAL COMPANY BROKEN COAL MINE

COAL ANALYSIS

Date Sampled:	November 27, 1979	Date Sampled:	December 5, 1979
Sampled By:	Steve Wilson	Sampled By:	Steve Wilson
Analysis By:	Dick Meikle	Analysis By:	Dick Meikle
Lab Date:	November 29, 1979	Lab Date:	December 6, 1979
Size:	1½" W/ Industrial Stoker	Size:	1½" W/ Industrial Stoker
Vein:	Ohio #6	Vein:	Ohio #6
Identification:	Hoover Corp. (1 Truck)	Identification:	Hoover Corp. (3 Trucks)
AS REC'D	DRY	M&AF	
Moisture	11.05		Moisture
Ash	5.75	6.46	Ash
Sulfur	3.58	4.02	Sulfur
BTU	11,944	13,428	14,355
BTU	12,287	13,480	14,343

Date Sampled:	December 19, 1979	Date Sampled:	
Sampled By:	Steve Wilson	Sampled By:	
Analysis By:	Dick Meikle	Analysis By:	
Lab Date:	December 20, 1979	Lab Date:	
Size:	1½" W/ Industrial Stoker	Size:	
Vein:	Ohio #6	Vein:	
Identification:	Hoover Corp. (3 Trucks)	Identification:	
AS REC'D	DRY	M&AF	
Moisture	10.50		Moisture
Ash	4.73	5.28	Ash
Sulfur	3.78	4.22	Sulfur
BTU	12,181	13,610	14,369
BTU			

cc: J. Hennette, Gary Von Tempel
cc: Mine Supt.

Preparation Mgr.
Preparation Engr.
Combustion Engr. Dept. - St. Louis
Combustion Engr. Dept. - Chicago

COLUMBUS OFFICE

Mine Lab Simco

Chemist Dick Meikle